

HDMI Splitters

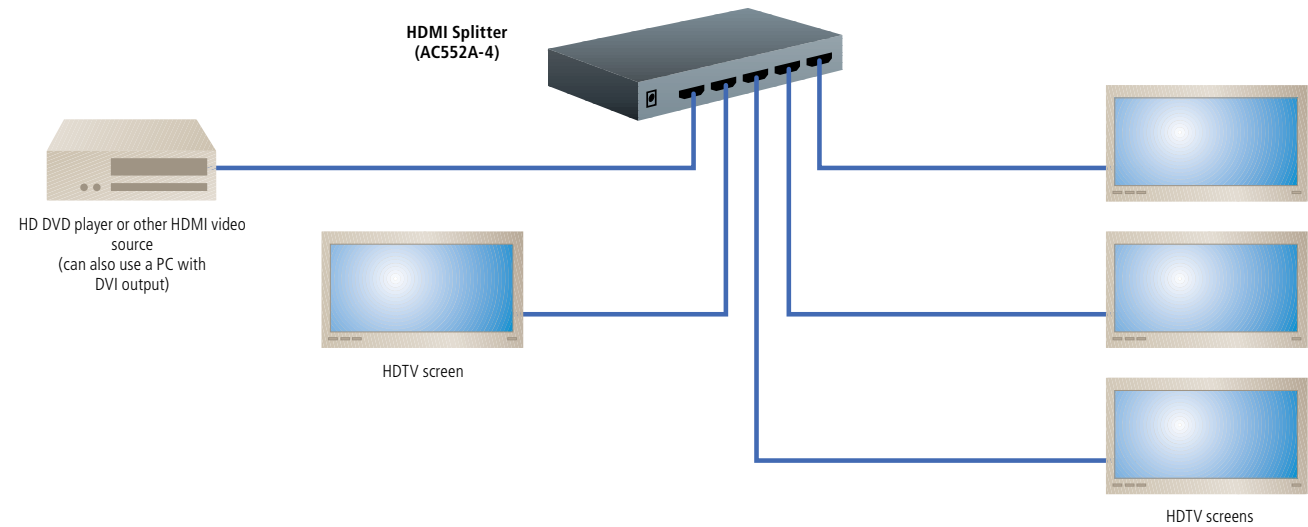
Send HDMI video
and audio to two, four,
or more HDTV screens.



FEATURES

- » Split HDMI audio and video signals for display on more than one HD LCD, plasma, or other high-def screen.
- » Drive signals as far as 40 feet (12.1 m).
- » Send video from a DVD player, satellite receiver, digital recorder, or even a PC.
- » Cascade up to three units for more outputs.
- » The digital signals are buffered so uncompressed HD video and multichannel audio are reproduced without loss.

Typical application.



OVERVIEW

BLACK BOX® HDMI Splitters enable you to stream High-Definition Multimedia Interface (HDMI) signals from a single source to multiple screens and create impressive high-definition presentations.

The source of your video can be an HD DVD player, D-VHS player, satellite receiver, digital recorder, or other type of HDMI equipment, or a PC with a DVI connector. And, on the output side, you can use two or four high-definition plasma, LCD, or similar screens.

The splitters buffer the digital signal so uncompressed HD video and multichannel audio are reproduced without any loss. They also feature 1.65-Gbps bandwidth for transmitting HDMI signals in their entirety error-free.

The HDMI Splitters are ideal for trade shows, conference rooms, training rooms, and home theater setups. Plus, they're a great choice for splitting signals in retail applications where you want to keep source equipment in a secure area. You can even cascade multiple units up to three levels to output HDMI video/audio to additional displays in widely distributed applications.

They also support HDTV resolutions up to 1080i and 1080p and feature a compact design for use in crowded equipment rooms and A/V cabinets.

TECH SPECS

Bandwidth (Maximum) — 1.65 Gbps
Distance (Maximum) — 40 ft. (12.1 m)
MTBF — 95,000 hours (calculated estimate)
Resolution — Output and input: PC: VGA, SVGA, XGA, SXGA, UXGA (1600 x 1200);
 Component (Y-Pb-Pr): 480i, 480p, 720p, 1080i, 1080p
CE Approval — Yes
Connectors — Input: (1) HDMI F;
 Output: (2) or (4) HDMI F
Indicators — (1) Power LED
Power — Input: 100–240 VAC, 50–60 Hz, autosensing;
 Output: External 9 VDC (center-positive >1000 mA)
Size — 0.9"H x 7.5"W x 3.75"D (2.3 x 19.1 x 9.5 cm)
Weight — 1.1 lb. (0.5 kg)

Item	Code
HDMI Splitters	
2-Channel	AC552A-2
4-Channel	AC552A-4
For DVI connections, an adapter is required. Order...	
HDMI Adapters	
HDMI Male to DVI Female	FA790
HDMI Male to DVI Male	FA795
HDMI Swivel Adapters, 24-Pin	
HDMI Male to DVI Female	FA791
HDMI Female to DVI Male	FA793



AC552A-2

Technically Speaking

HDMI

High-Definition Multimedia Interface (HDMI) is the first digital interface to combine uncompressed high-definition video, multichannel audio, and intelligent format and command data in a single cable.

The HDMI standard was introduced in December 2002, and HDMI 1.2 was released in August 2005. HDMI is supported by many leading consumer electronics manufacturers as well as motion picture studios, and cable and satellite operators.

Use this interface to connect audio/video equipment, such as DVD players, a set-top box, and A/V receivers with an audio and/or video monitor, such as a digital TV over a single cable. HDMI supports standard, enhanced, and high-definition video. It has a bandwidth of up to 5 Gigabytes so it supports all HDTV standards and has bandwidth to spare for future applications.

HDMI is backward compatible with DVI equipment such as PCs, TVs, and other electronic devices using the DVI standard. The DVI device simply ignores the extra data.

HDMI offers significant benefits over older analog A/V connections. It provides superior video and audio clarity because there is no signal loss from digital-to-analog conversions. HDMI supports resolutions of 1920 x 1080p and multiple audio formats from standard stereo to multichannel surround sound. Plus it provides two-way communication between the video source and the digital TV, enabling simple, remote, point-and-click configurations.

HDMI is emerging as the connection standard for HDTV and the consumer electronics market. Because HDMI transmits all signals over one cable, it's quite desirable for home theater electronics and systems. It greatly simplifies the installation of home entertainment systems by eliminating the tangle of cables running behind the system. It's also very cost-effective because only one cable is needed.

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application. Don't waste time and money—call Black Box today.

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